



PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

				Application Number	10/574,405
				Filing Date	March 31, 2006
				First Named Inventor	Ehud GAZIT et al
				Art Unit	1645
				Examiner Name	Not Yet Assigned

Sheet 1 of 10

Attorney Docket Number 31689

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
1	US-2001/041732		15-Nov-2001	Gurley et al.	
2	US-2002/006954		17-Jan-2002	Hensley et al	
3	US-2002/0086067		04-Jul-2002	Choi et al.	
4	US-2002/0151506		17-Oct-2002	Castillo et al.	
5	US-2003/0225155		04-Dec-2003	Fernandez-Pol et al.	
6	US-2003/158237		21-Aug-2003	Saragovi et al.	
7	US-2004/029830		12-Feb-2004	Herbert	
8	US-2004/152672		05-Aug-2004	Carson et al.	
9	US-2005/0069950		31-Mar-2005	Haynie	
10	US-2006/0079454		13-Apr-2006	Reches et al.	
11	US-2006/0194777		31-Aug-2006	Gazit et al.	
12	US-2006/0234947		19-Oct-2006	Gazit	
13	US-2007/0021345		25-Jan-2007	Gazit	
14	US-2,920,080		05-Jan-1965	Bucourt et al	
15	US-3,042,685		03-Jul-1962	Roussel	
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17	US-3,790,596		05-Feb-1974	Shkilkova et al	
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19	US-4,036,945		19-Jul-1977	Haber	
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28	US-5,270,163		14-Dec-1993	Gold et al.	
29	US-5,304,470		19-Apr-1994	Fischer et al.	

Examiner Signature	Date Considered
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Application Number	10/574,405
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Art Unit	1645
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Sheet 2 Of 10 Attorney Docket Number 31689

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	30	US-5,332,648	26-Jul-1994	Kihara et al.	
	31	US-5,475,096	12-Dec-1995	Gold et al.	
	32	US-5,545,806	13-Aug-1996	Lonberg et al	
	33	US-5,545,807	13-Aug-1996	Surani et al.	
	34	US-5,567,588	22-Oct-1996	Gold et al.	
	35	US-5,569,825	29-Oct-1996	Lonberg et al.	
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	37	US-5,625,126	29-Apr-1997	Lonberg et al.	
	38	US-5,633,425	27-May-1997	Lonberg et al.	
	39	US-5,637,459	10-Jun-1997	Burke et al.	
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	47	US-6,162,828	19-Dec-2000	Fukuda et al.	
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	52	US-6,361,861	26-Mar-2002	Gao et al.	
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	58	US-6,858,318	22-Feb-2005	Kogiso et al.	
	59	US-6,976,639	20-Dec-2005	Williams et al.	

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60	US-7,045,537	16-May-2006	Woolfson et al.		
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
61	JP 02-295923		06-Dec-1990	Taiyo	
62	EP 0421946		10-Apr-1991	Politi et al	
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65	EP 966,975		07-Sep-2005	Kohno et al.	
66	PCT WO 00/24390		04-May-2000	Reiner et al.	
67	PCT WO 01/45726		28-Jun-2001	Schmitz	
68	PCT WO 01/49281		12-Jul-2007	Castillo et al.	
69	PCT WO 01/49307		12-Jul-2001	Castillo et al.	
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73	PCT WO 03/024443		27-Mar-2003	Martynyuk et al	
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80	PCT WO 2005/085867		15-Sep-2005	Taniguchi et al.	
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84	PCT WO 2006/020681		23-Feb-2006	Banerjee	
85	PCT WO 2006/027780		16-Mar-2006	Reches et al.	
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87	PCT WO 2007/043048		19-Apr-2007	Gazit et al.	
88	PCT WO 97/16191		09-May-1997	Hays et al.	
89	PCT WO 98/20135		14-May-1998	Fitzgerald et al.	
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Sheet

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Sheet	5	Of	10	Attorney Docket Number	31689
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	92	Altland et al. "Potential Treatment of Transthyretin-Type Amyloidoses by Sulfite", Neurogenetics, 2: 183-188, 1999.			
	93	Appukkuttan et al. "Microwave Enhanced Formation of Electron Rich Arylboronates", Synlett, 8: 1204-1206, 2003. Figs. Scheme 4, Compounds 5A, 5B, 5C, 5D.			
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	105	Engelberg-Kulka et al. "Bacterial Programmed Cell Death Systems as Targets for Antibiotics", Trends in Microbiology, 12(2): 66-71, 2004.			
	106	Gazit "Mechanisms of Amyloid Fibril Self-Assembly and Inhibition Model Short Peptides as A Key Research Tool", The FEBS Journal, 272: 5971-5978, 2005.			
	107	Gazit "Mechanistic Studies of Process of Amyloid Fibrils Formation by the Use of Peptide Fragments and Analogues: Implications for the Design of Fibrillization Inhibitors", Current Medicinal Chemistry, 9: 1725-1735, 2002.			
	108	Ghadiri et al. "Artificial Transmembrane Ion Channels From Self-Assembling Peptide Nanotubes", Nature, 369(6478): 301-304, 1994.			
	109	Grady et al. "Axe-Txe, A Broad-Spectrum Proteic Toxin-Antitoxin System Specified by A Multidrug-Resistant, Clinical Isolate of Enterococcus Faecium", Molecular Biology, 47(5): 1419-1432, 2003. Abstract, P.1424, Col.1 - P.1426, Col.2, Fig.5.			
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	113	Huang et al. "A Review on Polymer Nanofibers by Electrospinning and Their Applications in Nanocomposites", Composites Science and Technology, 63: 2223-2253, 2003.			
	114	Inglot "Comparison of the Antiviral Activity In Vitro of Some Non-Steroidal Anti-Inflammatory Drugs", Journal of General Virology, 4(2): 203-214, 1969.			
	115	Jack et al. "The Organization of Aromatic Side Groups in An Amyloid Fibril Probed by Solid-State 2H and 19F NMR Spectroscopy", Journal of the American Chemical Society, JACS, 128: 8098-8099, 2006.			
	116	Jayawarna et al. "Nanostructured Hydrogels for Three-Dimensional Cell Culture Through Self-Assembly of Fluorenylmethoxycarbonyl-Dipeptides", Advanced Materials, 18: 611-614, 2006.			
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		Examiner Name	Not Yet Assigned
Sheet	7	Of	10
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	117	Jin "Electrospinning Bombyx Mori Silk With Poly (Ethylene Oxide)" Biomacromolecules, 3: 1233-1239, 2002.	
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Application Number	10/574,405
Filing Date	March 31, 2006
First Named Inventor	Ehud GAZIT et al
Art Unit	1645
Examiner Name	Not Yet Assigned

Sheet	8	Of	10	Attorney Docket Number	31689
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	140	Reches et al. "Designed Aromatic Homo-Dipeptides: Formation of Ordered Nanostructures and Potential Nanotechnological Applications", Physical Biology, 3: S10-S19, 2006.					
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